OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT		
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 3/10/07	
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W30	
Name: Mark Prostko	Title: Construction Manager	
Company Name & Address: TN & Associates		
Phone: (805) 585-2110	Fax: (805) 585-2111	
Reporting Period: 3/04/2006– 3/10/2007		
Percent field work completed:		
Percent project completed:		

Summary of work completed on site:

- TN&A subcontracted EarthTech to work on the uncompleted electrical conduit line located on the FTO skid.
- TN&A/Gregg Drilling completed installation of MW-27-90 to depth of ~90 feet.
- TN&A/Gregg Drilling backfilled area near DA-10 with mini-tractor using water and excavated material that was placed next to excavation (original material from excavation).
- TRS /CES continued with the installation of CPVC header piping for ERH area electrodes. Details are as shown on the daily reports. Piping is ~95% complete as of Friday 3/2/07. No schedule slippage.
- ERM/MK Environmental/Aspect Engineering continued with testing PLC connections Sunday 3/04/07 and continued working through Friday night 3/09/07.
- CLEVECO Inspected operation of exhaust fans #1 and #2 and looked at scope of work for installation of permanent power from electrical room in TC to site office trailer. (Friday 3/09/07)
- ERM/ICS/Jeffries Electrical/Jacob & Hefner: Pressure tested holding tank (T-402) discharge to bag filters (F-403 and F-404). Pressure tested Air line from compressor (K-601) to compressed air manifold, domestic water line from entry into TC to FTO, domestic water line from entry into TC to cooling tower (CT-201) and liquid lines from vapor extraction condensate sumps to double diaphragm pump.
 Jacob& Hefner Assisted ICS with pressure testing (see ICS description).
 - Completed piping in remaining well vaults (all wells complete expect DA-11, which is waiting for a missing * hose barb for the air line). Jeffries Electric Continued work assisting with the interface with PLC. Checked rotation on blowers (B-101 and B-102). (Monday 3/05/07)
- Pressure tested compressor (K-601) to FTO. Pressure tested compressor to double-diagram pumps for the vapor extraction condensate sumps. ICS also repaired air manifold leaks that failed pressure testing yesterday. Jacob& Hefner assisted ICS. Jeffries Electric crew continued work in the TC and bumped (checked rotation) all pumps except for the cooling water tank transfer pump (P-202) as it was being re-piped for 2" PVC (see ERM above). Also assisted with programming of the PLC. (Tuesday 3/06/07)
- Installed groundwater manifold piping to P-401 and F-401/F-402. 3" water lines from V-427/V-428 to V-430/439.
 Continued repairs on piping sections that previously failed pressure testing. ICS also continued work on ERM's punch list items. Jacob& Hefner Assisted ICS. Jeffries Electric crew continued work in the TC and checked the rotation of blower B-301. Also assisted with programming of the PLC. Bumped motors for exhaust fans.
 (Wednesday 3/07/07)
- Pressure tested V-402, 404, 406 to f-401, 402 and V-414. passed. ICS also continued repairs on piping sections
 that previously failed pressure testing. ICS also continued work on ERM's punch list items. Jacob& Hefner
 Assisted ICS and Jeffries Electric crew continued work in the TC and assisted with programming of the PLC and
 checking electrical components. (Thursday 3/08/07)
- Pressure tested groundwater line at manifold of filters F-403 and F-404 to all piping between valves V-424 and V-429. Tested groundwater line from valves V-430 and V-439 through carbon vessel T-403 and manifold to last flange before carbon vessel T-404 and valve V-453. Also tested at valve V-452 to tank T-402 and to valves at FTO to valve V-219. Vapor line from valves V-116 and V-117 to the last flange before tank T-402. Jacob& Hefner Assisted ICS with piping. Assisted with programming of the PLC and checking electrical components. Jeffries Electric Jeffries not on site today after 800 AM (Friday 3/09/07).
- ERM/ICS: Pressure tested water line from pump P-204 to manual and overflow drains on the cooling tower (CT-201). Tested water line from pump P-202 near cooling water tank to valve V-207 on the heat exchanger. Investigated failure of system components T-101 and several 8" CPVC fittings on either side of the tank which occurred Friday evening during PLC run through and blower test. (Saturday 3/10/07).

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

Health and Safety (3/04/2006 to 3/10/2007)

- No accidents or incidents involving personnel to report within the past week.
- Perimeter dust monitoring program is being performed and documented.
- Since August 4, 2006 a total of 139 work days have been completed without a lost time incident.
- Daily safety meeting records were completed by Mark Prostko, Mark Wanek and Neil Coy this week and kept on file in the office trailer.

Daily safety meetings have included discussions and topics taken from EM385-1-1 in the construction area as well as specific AHA's related to individual tasks.

Summary of work completed off site:

None

Explanation of deviation from work plan (including modifications and schedule slippages):

• Failure of T-101 and other CPVC components associated with the tank will likely result in a delay of vapor extraction system. Updates to the three week look-ahead schedule will be forwarded as a separate document.

Recommendations: Start other systems as planned, such as GW extraction.

Key personnel changes: Danny Basyra and Jeff Fujita back on site for TRS.

Work anticipated to be performed the following week:

- ERM/ICS/Jacob & Hefner will complete pressure testing of vapor lines. Note: Vapor lines not damaged by T-101 implosion.
- 2. ERM/ICS/Jacob & Hefner will continue to work on punchlist items.

Schedule for three week look ahead (Week of 3/19/07)

(Note that a three-week "Look-ahead" schedule was sent out separately):

- Installation of a replacement T-101 & other associated piping/ fittings damaged by the system failure which occurred 3/09/07 PM
- 2. FTO start-up, testing and training. To be verified/evaluated this week.
- 3. MPE start-up and testing. To be verified/evaluated this week.
- 4. ERM will continue to work on punchlist items expected to be developed after MPE is started.
- See three- week look ahead schedule for more details.

Overall construction schedule variances: FTO start up was pushed back one week (to 3/19/07) due to delays in getting all TC piping pressure tested and passed.

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

Status of on and off-site work and testing:

• All work details are being noted on the Daily QC Report.

Rework Items Identified within the past week:

- Slight noise with exhaust fan #1.
- Damages to T-101, 2- 8" CPVC 90's, 1 1/2" CPCV inlet piping for P-501, V-112, and level indicator piping for T-101. The level indicator piping level measuring instruments attached to it will have to be thoroughly tested to verify no damage. Updates to this list will be made as soon as items are identified as damaged or broken

Rework Items corrected within the past week:

Backfilling the area near DA-10.

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: Mark Prostko - Construction Manager

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT		
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 3/17/07	
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W31	
Name: Mark Prostko	Title: Construction Manager	
Company Name & Address: TN & Associates		
Phone: (805) 585-2110	Fax: (805) 585-2111	
Reporting Period: 3/11/2006– 3/17/2007		
Percent field work completed:		
Percent project completed:		

Summary of work completed on site:

- TN&A supervised all work being performed on site by ERM/ICS/Jacob & Hefner, CLEVECO and Gregg Drilling.
 TN&A performed two walk-throughs and generated punch list items.
- TN&A/Gregg Drilling on site 3/12/07 to perform video inspection of MW-27-90.
- ERM/ICS/Jacob & Hefner initiated GW process system testing inside the TC. See details below.
- CLEVECO on site to work on exhaust fan louvers. CLEVECO technician also helped with consolidating rolls of QED supplied
 pump hose reels and performed miscellaneous site cleanup, removed pipe debris on west side of TC Building, etc. Lubricated
 exterior louvers east wall. (Wednesday 3/14/07)
- CLEVECO on site Alvaro worked on and completed boxing out (framing out with wood) the two small exhaust fans and
 ductwork on the mezzanine level. Worked on grinding down the PVC and sealing the conduit penetration stub ups in storage
 and control rooms that are not being used. Worked on tensioning of exhaust fan #1 belt. Fan drive belt is tensioned. Reviewed
 other work with Ken Clevenger such as addition of filters for west wall louvers and repair to fence in ERH area.
 (Thursday 3/15/07).
- CLEVECO- Alvaro worked with Dave Klein at the offsite storage unit and transferred all property, equipment, tools, etc. from the offsite storage unit to the Pemaco site. (Friday 3/16/07)
- ERM/ICS/Jeffries Electrical/Jacob & Hefner: Pressure tested the line from the bottom of the filters (F-101 and F-102) to the blowers (B-101 and B-102) between valves V-113 and V-114 and V-121 and V-122. The pressure test passed. Continued repairs on piping sections that previously failed pressure testing. Installed additional unistrut support for piping around cooling tower. Jacob& Hefner Performed repairs at wellheads for TN&A. (Monday 3/12/07)
- Reinforced the potable water line outside the TC with unistrut. Stabilized 2" pipe around valve V-207 on heat exchanger (H-201). Reinforced 2" schedule 80 PVC 90 degree elbow on discharge of pump P-502 after valve V-505 with unistrut. Installed supports underneath the 8" schedule 80 PVC pipe between valves V-117 and V-118 on inlet to (blowers B-101 and B-102). Stabilized outlet side of cooling water tank pump (P-202). Protected level controls on holding tank T-402 with unistrut. (Tuesday 3/13/07)
- Supported ABS compressed air line to pumps P-101 and P-102 with unistrut. Stabilized vertical runs on the
 influent/effluent of the booster pump (from the water softeners to the FTO and VC package) with unistrut.
 Reinforced pipe at the inlet/outlet of F-401 with unistrut. Removed all pipe from the inlet/outlet of the damaged
 moisture separator (T-101). Continued labeling items within the TC. Jacob& Hefner Assisted ICS in the TC. Also
 continued systems check (working with PLC programmer on the phone) to check systems and prepare for 24-hour
 water test. (Wednesday 3/14/07)
- Reinforced 2" schedule 80 PVC at FQI-501 with unistrut. Stabilized water influent/effluent on RC-201 with unistrut.
 Also conducted pressure test on vapor lines from the heat exchanger (H-201) to the FTO. Jacob& Hefner
 Assisted ICS in the TC. Also continued system checks (working with PLC programmer on the phone) to check systems. Started 24-hour water test on GW lines in the TC (Thursday 3/15/07)
- Painted piping that was previously repaired with epoxy. Made and installed gasket on flame arrestor. Supported 8" vapor manifold to TC with unistrut. Supported level indicated for tank T-901. Unplugged silencer at T-601. Continued labeling piping in TC. Jacob& Hefner Assisted ICS in the TC. Finished 24-hour water test on GW lines in the TC. Also continued system checks (working with PLC programmer on the phone/computer) to check systems. Began testing vapor lines and cooling tower. Filled cooling tower with potable water and operated pump P-201 to check proper operation of cooling tower (Friday 3/16/07).

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

Health and Safety (3/11/2006 to 3/17/2007)

- No accidents or incidents involving personnel to report within the past week.
- Perimeter dust monitoring program is being performed and documented.
- Since August 4, 2006 a total of 145 work days have been completed without a lost time incident.
- Daily safety meeting records were completed by Mark Prostko and Jess Hottenstein this week and kept on file in the office trailer
- Daily safety meetings have included discussions and topics taken from EM385-1-1 in the construction area as well as specific AHA's related to individual tasks.

Summary of work completed off site:

None

Explanation of deviation from work plan (including modifications and schedule slippages):

 Failure of T-101 and other CPVC components associated with the tank have resulted in a delay of startup of vapor extraction/ MPE systems. Updates to the three week look-ahead schedule will be forwarded as a separate document.

Recommendations: Start other systems as planned, such as GW extraction.

Key personnel changes: Neil Coy (ERM) was replaced with Jesse Hottenstein (ERM) due to illness.

Work anticipated to be performed the following week:

- 1. ERM/ICS/Jacob & Hefner will continue to work on punchlist items.
- 2. ERM/Jacob & Hefner will replace and pressure test T-101 and associated 8" PVC piping on inlet and outlet of tank.
- 3. ERM/Jacob & Hefner will continue to work on operational checks for carbon system vapor mode and GW system carbon mode.
- 4. Exposition well field operational testing and start up of GW extraction system.

Schedule for three week look ahead (Week of 3/26/07)

(Note that a three-week "Look-ahead" schedule was sent out separately):

- 1. Pressure test and start-up of vapor system and check for operational problems.
- 2. MPE start-up and testing. To be verified/evaluated this week.
- 3. ERM will continue to work on punchlist items expected to be developed after MPE is started.
- 4. See three- week look ahead schedule for more details.

Overall construction schedule variances: FTO start up was pushed back to 4/3/07 due to delays in getting all TC piping pressure tested and passed.

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

Status of on and off-site work and testing:

All work details are being noted on the Daily QC Report.

Rework Items Identified within the past week:

- Flow Totalizer FQ-402 not working.
- Exhaust fans #1 and #2 louvers would not shut when fans are de-energized.
- Damages to T-101, 2- 8" CPVC 90's, 1 1/2" CPCV inlet piping for P-501, V-112, and level indicator piping for T-101. The level
 indicator piping level measuring instruments attached to it will have to be thoroughly tested to verify no damage. Updates to this
 list will be made as soon as items are identified as damaged or broken.
- Leak at steel nipple on bottom of T-404 at flange.
- P-201 motor base not level, pump/motor vibrates when operated.

Rework Items corrected within the past week:

• Exhaust fans #1 and #2 louvers were adjusted/lubricated to shut when motors to fans are de-energized. Louvers functioning.

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: Mark Prostko - Construction Manager

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT		
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 3/24/07	
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W32	
Name: Mark Prostko	Title: Construction Manager	
Company Name & Address: TN & Associates		
Phone: (805) 585-2110	Fax: (805) 585-2111	
Reporting Period: 3/18/2006– 3/24/2007		
Percent field work completed:		
Percent project completed:		

Summary of work completed on site:

- TN&A supervised all work being performed on site by ERM/ICS/Jacob & Hefner, CLEVECO, and TRS/CES.
- Redlines were completed and signed by TN&A and ERM.
- TN&A tested exposition well pumps and GW treatment system Friday 3/23/07. EW QED Pumps were run for approximately 1.5 hours.
- TRS/CES worked on installation of sensors at TMP 27 and TMP 6. Crew also worked on the installation of fittings
 for vacuum testing on the PVC header pipes in the ERH area. Crew also began the installation of drip system
 piping in ERH area for electrode wells.
- CLEVECO completed the fabrication and installation of fall protection chains for mezzanine level. Also installed a chain barrier between the north wall of TC and rear of H-201 as piping is exposed as a tripping hazard. Started to assemble the man door latch guards for TC exterior doors located on north and west sides of TC Building. (Tuesday 3/20/07)
- CLEVECO repaired the chain link fence in western portion of ERH area that was vandalized in January. Completed primer and painting of the wooden frames installed on the mezzanine for the security chain. Completed assembling of the two (2) man door latch guards for TC exterior doors located on north and west sides of TC Building. Site clean up. (Wednesday 3/21/07)
- CLEVECO worked on securing items brought over from off site storage. Started working on a pressure/vacuum gauge portable
 testing station using plywood on site and gauges provided by JW/DC. Worked on digging out the area around DA/DB 12 and
 installed 100 sand bags around the excavation to shore up area. (Thursday 3/22/07).
- CLEVECO- Alvaro continued working the same items on Friday. (Friday 3/23/07)
- ERM/ICS/Jeffries Electrical/Jacob & Hefner: Finished painting piping that was previously repaired with epoxy.
 Labeled all vapor, process water, and potable water lines with arrows and tags. Installed unistrut support to influent/effluent piping to/from pumps P-101 and P-102. Installed manual drain valve on chiller (RC-201).

 Supported pump P-203 with unistrut. Continued with labeling/tagging all tanks. Jacob& Hefner Helped ICS in the TC. Also continued system checks (working with PLC programmer on the phone/computer) to check systems.
 System checks included running the booster pump and pumps P-102 and P-102. (Monday 3/19/07)
- Continued labeling gauges and sample ports. Poured concrete pad/form under pump P-201 for stabilization.
 Jacob& Hefner Inspection and function testing of cooling tower. Programmed set-point (70psi) and operated/tested booster pump. Drained and refilled the cooler tower with conditioned water (from the water softener). Investigated and diagnosed effluent totalizer (FQI-402) failure (magnet was broken). Removed heating elements on heat exchanger (H-202) and applied high temperature RTV silicon to seal leaks. (Tuesday 3/20/07)
- Continued labeling gauges and valves. Reinforced valves V-207 and V-208 with unistrut. Cleaned worked area
 and removed extra materials. Jacob& Hefner continued system checks, which included pressure testing all air
 lines to well fields. Continued repairs to heat exchanger H-202. Repaired leak in bottom of tank T-403. Repaired
 leak at site glass at tank T-401. Removed and installed new flow totalizer FQI-402. Jeffries Electrical Pulled new
 shielded wire for TIT-201. Installed fitting on sensor CT-201. (Wednesday 3/21/07)
- Crew worked inside the TC Building and finished labeling/tagging valves and instruments. Also began cleaning
 and demobilization process. Jacob& Hefner A Removed TIT-301 and installed TIT-201 into H-202. Filled caustic
 tank (T-901) with potable water for leak test. (Thursday 3/22/07)
- Crew worked on finishing tagging/labeling and cleaning/demobilization process. **Jacob& Hefner** Continued programming PLC. Programming/adjusting the flow switch (FS-201) on the VC unit. (Friday 3/23/07).

Health and Safety (3/18/2006 to 3/24/2007)

- No accidents or incidents involving personnel to report within the past week.
- Perimeter dust monitoring program is being performed and documented.

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

- Since August 4, 2006 a total of 150 work days have been completed without a lost time incident.
- Daily safety meeting records were completed by Mark Prostko and Jess Hottenstein this week and kept on file in the office trailer
- Daily safety meetings have included discussions and topics taken from EM385-1-1 in the construction area as well as specific AHA's related to individual tasks.

Summary of work completed off site:

None

Explanation of deviation from work plan (including modifications and schedule slippages):

 Failure of T-101 and other CPVC components associated with the tank have resulted in a delay of startup of vapor extraction/ MPE systems. Updates to the three week look-ahead schedule will be forwarded as a separate document.

Recommendations: Repairs will be made to T-101 and CPVC piping removed due to this failure 3/26 and 3/27/07.

Key personnel changes: Neil Coy (ERM) was replaced with Jesse Hottenstein (ERM) due to illness.

Work anticipated to be performed the following week:

- 1. ERM/ICS/Jacob & Hefner will continue to work on remaining punchlist items.
- 2. ERM/Jacob & Hefner will replace and pressure test T-101 and associated 8" PVC piping on inlet and outlet of tank.
- 3. ERM/Jacob & Hefner will continue to work on operational checks for carbon system vapor mode and GW system carbon mode.
- 4. Pressure test and start-up of vapor system and check for operational problems.
- 5. Exposition well field operational shake down of GW extraction system.

Schedule for three week look ahead (Week of 4/03/07)

(Note that a three-week "Look-ahead" schedule was sent out separately):

- 1. FTO start-up, testing and onsite training.
- 2. MPE start-up and testing. To be verified/evaluated this week.
- 3. ERM will continue to work on punchlist items expected to be developed after MPE is started.
- 4. See three- week look ahead schedule for more details.

Overall construction schedule variances: None are foreseen nor new ones have developed since last reporting period.

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

Status of on and off-site work and testing:

• All work details are being noted on the Daily QC Report.

Rework Items Identified within the past week:

Punchlist items remain such as missing tags and labels PI-101 and P!-102.

Rework Items corrected within the past week:

- Flow Totalizer FQ-402 was replaced with new unit.
- P-201 motor base was leveled and grouted in place.
- Leak at steel nipple on bottom of T-404 at flange was tightened.

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: Mark Prostko - Construction Manager